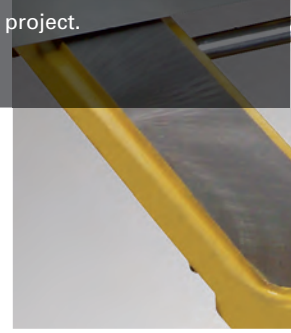
# PM2800 VS DRILL PRESS

This new Woodworkers drill press was designed with the woodworker in mind. It's design has many convenient features that other so called woodworking drill pressses do not offer. The twin LED lights are designed to not cast shadows on the workpiece like conventioal lights. The twin lasers help to pinpoint exactly on the workpiece. The expandable work table is the largest in the industry in this class. The single handle speed changer allows you to run the full range of speeds without ever touching a belt and the front mounted digital readout displays the exact speed the spindle is running. It also features a larger motor then any other drill press in it's class to handle even the heaviest jobs during your project.



AVAILABLE IN
NOVEMBER 2006

5 YEAR WARRANTY

## FEATURES

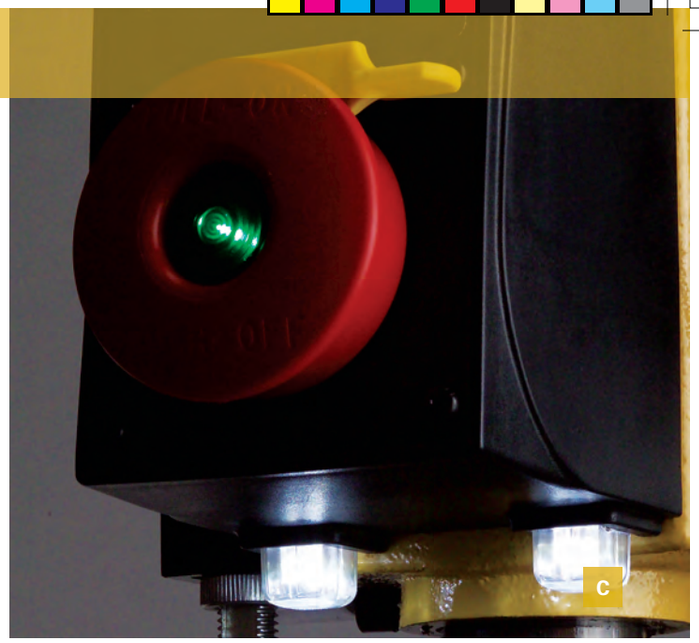
- Powered by a heavy duty 1HP, 1Ph, 115/230V (Prewired 115V) TEFC motor
- Lighted push button switch with safety key is located on the front of the head for ease of use
- A new larger table system with dual extensions for the largest woodworking table on the market. It also features twin T-slot grooves for a miter gauge or other homemade jigs
- Newly designed table tilts 90° and has a positve stop at 0°
- Large handle makes lowering and raising the table easy
- Head mounted dual laser guide system provides a consistent drilling cross point on work piece
- Feed handles can be mounted on either side of the drill press for convenient handle positioning
- Extension wing provides additional support for longer workpieces
- Variable speed system adjusts quickly and easily in one full range
- Built-in dual LED work light
- 5/8" Keyless chuck
- Quick setting depth stop
- Adjustable split fence with dust collection port
- Front mounted switch control, laser guide and LED work light
- Front mounted digital LED display shows spindle speed

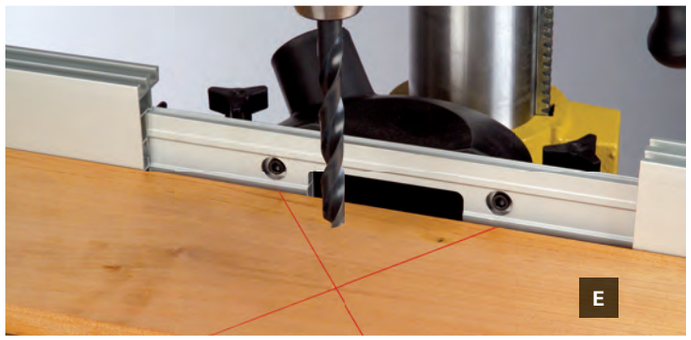
## SPECIFICATIONS

| | |
|---|---|
| Model Number | PM2800 |
| Stock Number | 1792800 |
| Swing (in) | 18 |
| Chuck Size (in.) | 5/8, Keyless |
| Spindle Travel (in.) | 4-3/8 |
| Chuck Distance to Table (in.) | 30 |
| Chuck Distance to Base (in.) | 46 |
| Table Size (L x W/in.) | 16 x 14 |
| Table Size Fully Extended (L x W/in.) | 16 x 26 |
| Spindle Taper | MT2 x JT33 |
| Column Diameter (in.) | 3-1/8 |
| Spindle Speed Range (RPM) | 400-3000 |
| Base Size (in.) | 11-7/8 x 19-5/8 |
| Motor (TEFC) | 1HP, 115/230V, Prewired 115V |
| Overall Dimension (H x W x D/in.) | 68 x 23-1/2 x 31-1/2 |
| Net Weight (lbs.) | 287 |
| Shipping Weight (lbs.) | 302 |

## OPTIONAL ACCESSORIES

| | |
|---|---|
| Mortise Attachement | 1792801 |
| 2-1/2" to 4" DC Adaptor | JW1000 |
| Drill Bit Sets | Various |
| Drum Sanders | Various |






**A | WORK SURFACE**
Large cast iron table with dual extension wings shown with split fence

**B | CONTROL PANEL**
Front mounted switch controls with LED spindle speed readout, feed handle can be mounted on right or left side for users preference

**C | WORKLIGHTS**
Front mounted LED worklights

**D | VARIABLE SPEED**
Variable speed controls makes changing speeds quick and easy

**E | DUAL LASER**
Laser crosshairs pinpoint the project's hole location



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# PM701 BENCHTOP MORTISER

The new POWERMATIC 701 Benchtop Mortiser features an in-line depth stop which allows the user to stop at preset depths without racking the mortiser bit to the base. Its heavy-duty reversible handle is so versatile that it can be changed from one side to the other quickly and easily and requires no tools to do so. The stock hold down features a specially designed double lock system. One locks from the side, the other locks from the top, to completely eliminate any slippage when removing the chisel from the work piece. This hold-down is also reversible to allow stock from 0 to 5" thick to be captured underneath it. The new POWERMATIC 701 Benchtop Mortiser has a quick-action cam lock that will quickly lock the fence into position with one 90° movement. This lock also features lock nuts, so once set; they will not have to be continually adjusted. Set-up has never been easier or more precise. The new POWERMATIC 701 Benchtop Mortiser features an integrated bit and chisel spacer system. These two spacers are used to accurately and quickly account for the space needed between the bit and chisel during set-up. Large work surfaces in the table and fence allow for more stability and accurate cuts. The new mortiser also includes a large hinged chuck door with magnetic catch. This unique element allows the user to easily access the drill chuck with the standard 4" chuck key to lock the bit in place. In addition, its rack and pinion allow for simple and quick fence adjustments.

5 YEAR WARRANTY

## FEATURES

- In-line depth stop
- Heavy-duty reversable handle
- Stock hold-down with a double lock system
- Quick action cam lock
- Integrated bit and chisel spacers
- Large work surfaces on both table and fence
- Large, hinged chuck door with magnetic latch
- Rack and pinion design

## STANDARD EQUIPMENT

- Chisel and tool holder with sharpening stone
- 1/2" drill chuck with 4" chuck key
- Removeable safety switch key

## SPECIFICATIONS

| | |
|---|---|
| Model Number | PM701 |
| Stock Number | 1791310 |
| Spindle Speed | 1725 |
| Chuck Capacity (in.) | 1/2 |
| Chisel Shank Capacity (in.) | 3/4 |
| Head Stroke (in.) | 5-1/2 |
| Chisel Center to Fence (in.) | 4-3/8 |
| Under Hold-Down (in.) | 5 |
| Fence Size (in.) | 2-5/8 x 12-1/2 |
| Base Size (in.) | 16-5/16 x 13-3/4 |
| Bushing Size (in.) | 5/8 and 3/4 |
| Motor (TEFC) | 3/4HP, 1Ph, 115V |
| Net Weight (lbs.) | 93 |
| Shipping Weight (lbs.) | 100 |

## OPTIONAL ACCESSORIES

| | |
|---|---|
| PM701S Stand | 1791311 |
| PM701-RB Riser Block Kit | 1791312 |
| 1/4" Bit and Chisel | 708590 |
| 5/16" Bit and Chisel | 708591 |
| 3/8" Bit and Chisel | 708592 |
| 1/2" Bit and Chisel | 708593 |
| 3/4" Bit and Chisel | 708594 |
| 5 Bit Set | 708595 |

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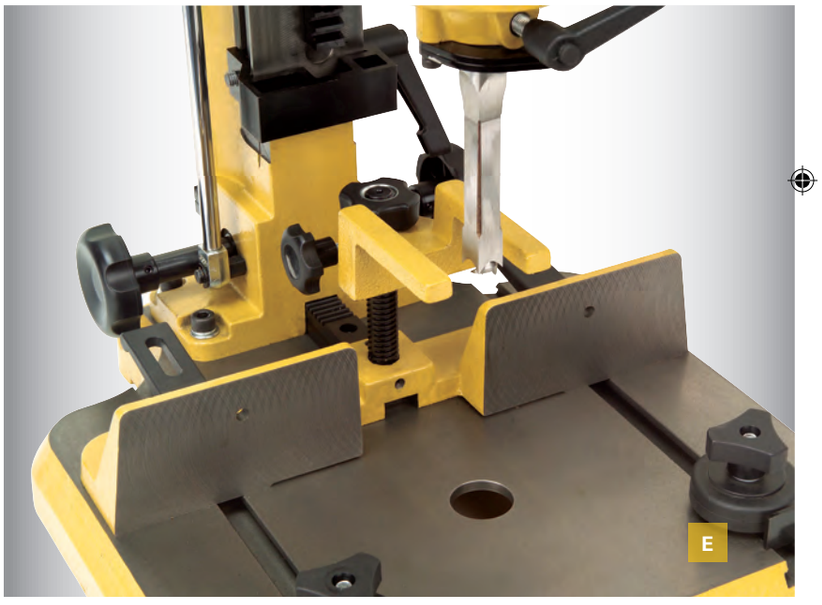

**A | CHUCK ASSEMBLY**
Easy chuck access and built in bit-to-chisel spacer system makes chisel and bit changes quick and easy

**B | DEPTH STOP**
Adjustable in line depth stop allows for preset depths without racking the mortise bit to the base

**C | FENCE**
Quick action fence cam lock

**D | CHISEL STORAGE**
Built in bit and chisel holder (bits and chisels not included) has a honing cone for sharpening chisels

**E | HOLD DOWN**
Double locking, reversible stock hold down (bits and chisels not included)



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# 719T TILT TABLE MORTISER

The 719T Tilt Table Mortiser features heavy-duty cast iron construction and a powerful 1HP motor for the most demanding jobs. The head is mounted using adjustable gibs to assure years of trouble-free service. The heavy rack and pinion gear system utilizes a spring-loaded six position adjustable handle for movement. A handy depth stop gives a uniform depth of mortise. A large 20-1/4" x 7" table gives plenty of work support and will adjust to any angle between 0 and 35°. The table can also move left to right and forward and back on dovetail ways with the large handwheel controls. Adjustable linear stops and flip down stop allow for precision repeatability. The quick adjust clamp provides plenty of work-holding force and will swivel to accommodate angled workpiece. The heavy enclosed steel cabinet provides plenty of storage inside for chisels and accessories.

5 YEAR WARRANTY

## FEATURES

- 1HP TEFC motor
- Work stop for repeat cuts
- Depth and length stops
- Enclosed stand with shelf
- Drill bit adapter
- Quick-release vise for speedy release of work material
- Chuck extension adapter

## STANDARD EQUIPMENT

- Chisel and tool holder with sharpening stone
- 1/2" drill chuck with 4" chuck key
- Removeable safety switch key

## SPECIFICATIONS

| | |
|---|---|
| Model Number | 719T |
| Stock Number | 1791264K |
| Spindle Speed (RPM) | 1725 |
| Table tilt (deg.) | 0 to 35 |
| Chisel Capacity (in.) | 1/4 - 1 |
| Chuck Capacity (in.) | 1/2 |
| Chisel Shank Capacity (in.) | 5/8 I.D. / 3/4 I.D. / 1-1/8 I.D. |
| Chisel Stroke, Maximum (in.) | 10-3/4 |
| Head Stroke , Maximum (in) | 6 |
| Longitudinal table travel (in) | 15-1/2 |
| Cross table travel (in) | 4 |
| Chisel Center to Fence (in.) | 4 |
| Table Size (in.) | 7 x 20-1/4 |
| Fence Size (in.) | 4-1/2 x 20-1/4 |
| Base Size (in.) | 14 x 16 |
| Bushing Size (in.) | 5/8, 3/4, 1-1/8 |
| Overall Height on Base (in.) | 60 |
| Overall Dimensions (L x W x H/in.) | 21-1/4 x 21-5/8 x 74 |
| Motor (TEFC) | 1HP, 1Ph, 115/230V, Prewired 115V |
| Net Weight (lbs.) | 276 |
| Shipping Weight (lbs.) | 292 |

## OPTIONAL ACCESSORIES

| | |
|---|---|
| Chisel & bit 1/4" | 6285526 |
| Chisel & bit 5/16" | 6285527 |
| Chisel & bit 3/8" | 6285528 |
| Chisel & bit 1/2" | 6285529 |
| 1/2" chuck with key | 6294245 |
| Drill bushing 1-1/8" | 6294198 |
| Drill adapter shaft | 6294210 |
| Drill bushing 3/4" | 6294221 |
| Drill bushing 5/8" | 6294222 |
| Chuck extension adapter | 6294232 |

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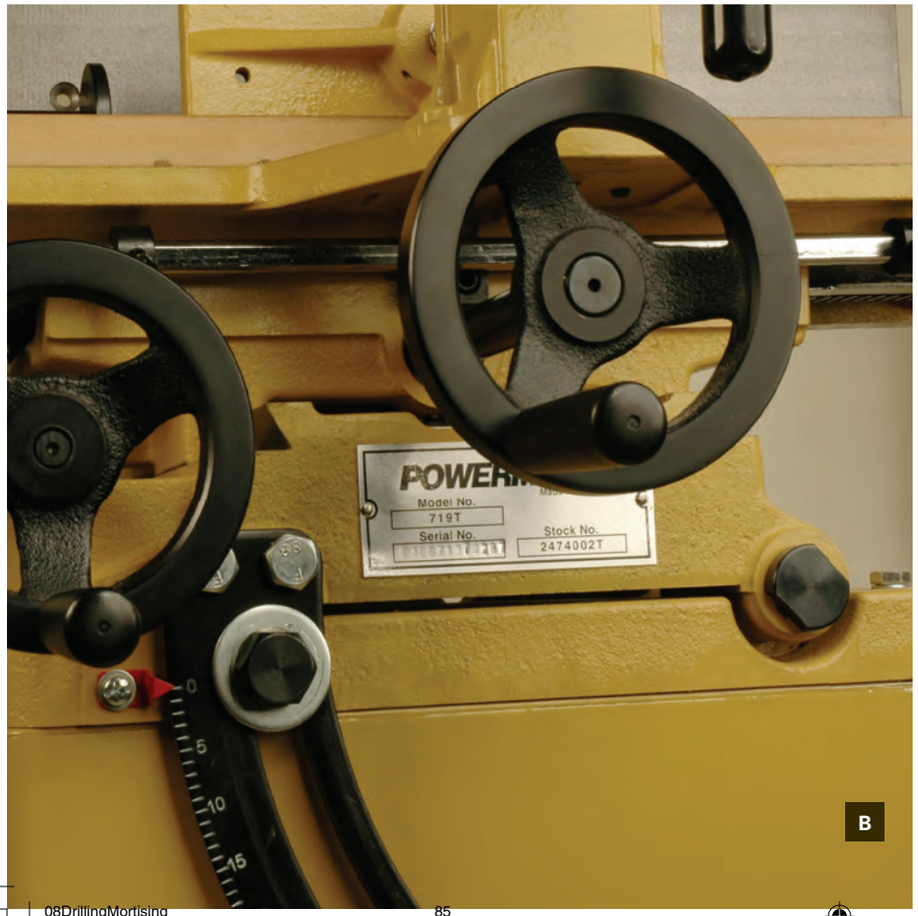
WARNI
1. For your own safety, rea
manual before operating
machine.
2. Always wear eye protecti
3. Do not wear gloves, neck
or loose clothing.
4. Make sure that machine is
a sturdy bench or stand be
operating.
5. Always clamp work securel
with Vise to prevent lifting.
6. Always support workpiece s
against fence to prevent rota
7. Keep fingers and hair away f
rotating bit.
8. Be sure drill bit is sharp, not d
and properly secured in the ch
before operating.
9. Make certain chuck key is rem
before starting machine.
10. Disconnect machine from powe
source before making repairs o
adjustments.
11. Do not operate under the influen
drugs, alcohol or medi
DO NOT REMOVE OR OBSCURE THIS L

A




B

C

**A | 1/2" CHUCK**
Large opening to access the drill chuck

**B | TABLE POSITIONING CONTROLS**
Two large handwheels for lateral and front-to-back positioning

**C | TABLE**
Table tilts from 0 to 35°



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# 720HD HEAVY-DUTY MORTISER

This Heavy-Duty Mortiser features cast iron construction and a powerful 1-1/2HP motor. Heavy rack and pinion gear system utilizes a spring loaded adjustable position handle for travel, and a unique gas-filled shock to allow for smooth movement. A large 14-5/8" x 7-1/8" table gives plenty of work support and will adjust to any angle from 0 to 90°. The lower stop can support a door on edge.

1 YEAR WARRANTY

| SPECIFICATIONS | |
|---|---|
| Model Number | 720HD |
| Stock Number | 1791309 |
| Motor Speed (RPM) | 1725 |
| Chuck Capacity (in.) | 1/2 |
| Table Size (L x W/in.) | 17-5/8 x 7-1/8 |
| Table Tilt (deg.) | 0 to 90 |
| Fence Size (L x H/in.) | 14-5/8 x 11-3/4 |
| Head Travel (left to right/in.) | 9-1/8 |
| Head Travel (front to back/in.) | 3-3/8 |
| Maximum Work Piece Height (in.) | 43-7/8 |
| Bushing Size (in.) | 3/4 I.D. / 5/8 I.D. / 1-1/8 O.D. |
| Chisel Stroke (in.) | 6-1/8 |
| Base Size (in.) | 25-1/2 x 22 |
| Overall Height (in.) | 80 |
| Motor (TEFC) | 1-1/2HP, 1Ph, 230V |
| Net Weight (lbs.) | 490 |
| Shipping Weight (lbs.) | 575 |

## FEATURES

- 1-1/2HP motor
- Rack and pinion gear system
- Adjustable gibs with rack and pinion head control
- Quick adjust support arm
- Three spring loaded, adjustable position handles
- Heavy enclosed steel storage cabinet
- Large 14-5/8" x 7-1/8" table

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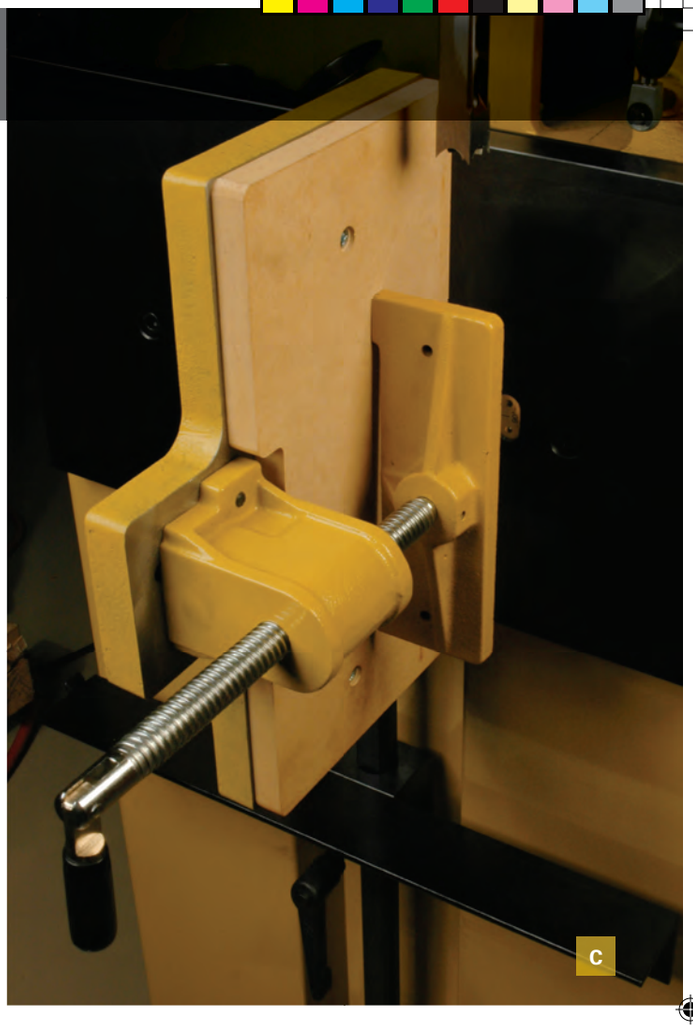


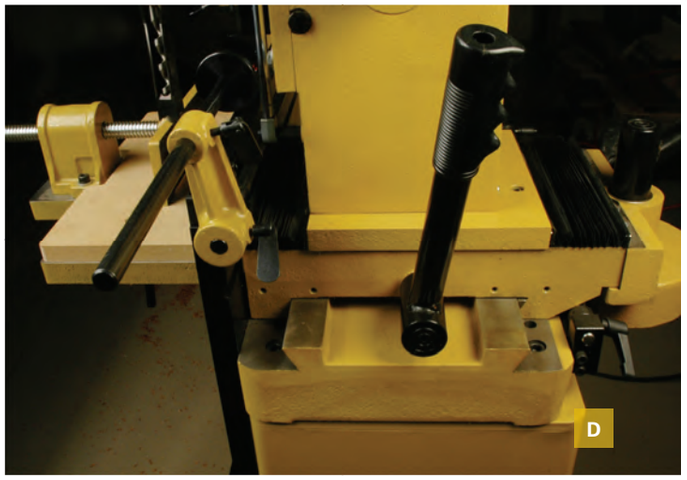


**A | TABLE ADJUSTMENT**
Easy to adjust table bevel angle

**B | CHUCK**
1/2" Chuck - Large opening to access the 1/2" chuck (bits and chisels not included)

**C | HOLD DOWNS**
Quick adjust workpiece hold down mounted on table that tilts 0 to 90°

**D | CONTROLS**
Large handles for easy adjustment



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